



# Improvement of Millstone Road – Status Update Brewster, MA

*Presented by*

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# Overview

- Project Team
- Work Completed
- Project Goals, Details, and Examples
- Impacts Summary
- Project Details – Pedestrian Crossings
- Project Schedule

# Project Team

- Town of Brewster
  - Town staff, Town Boards & Committees
- Brewster Residents
- Project Surveyor
  - J.M. O'Reilly & Associates
- Project Designer
  - VHB

# Work Completed

- Two public outreach meetings
- Two Select Board presentations
- Secured Town Meeting approval for Nickerson State Park easement
- Finalizing layout of reconstructed roadway, new sidewalk and drainage improvements
- Project limits staking by J.M. O'Reilly



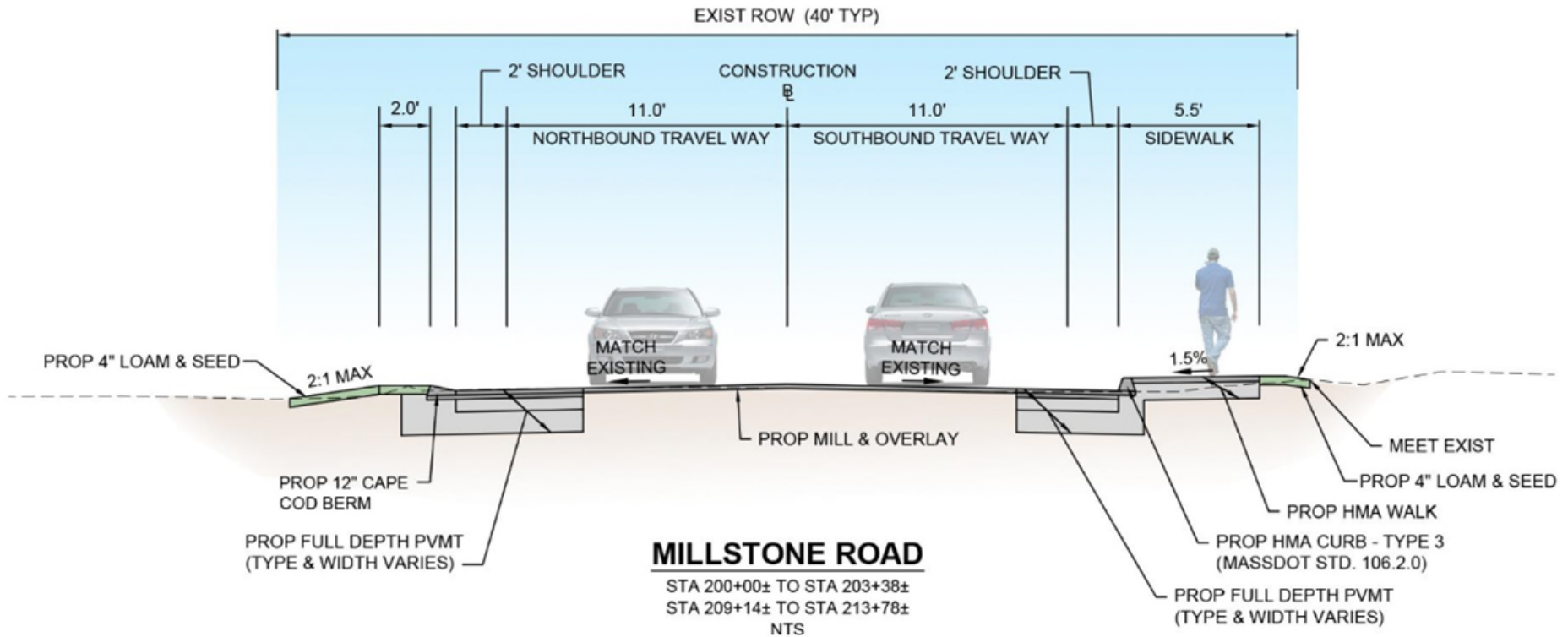
# Project Goals

- Provide ADA compliant sidewalk for entire length of road
- Improve safety of roadway for all users
  - Vehicles: improve roadway geometry
  - Pedestrians: add sidewalk
  - Bicyclists: widen space to operate within road
- Provide better interconnections with existing transportation network (Rail Trail, etc)
- Improve drainage facilities along roadway
- Minimize number of permanent easements

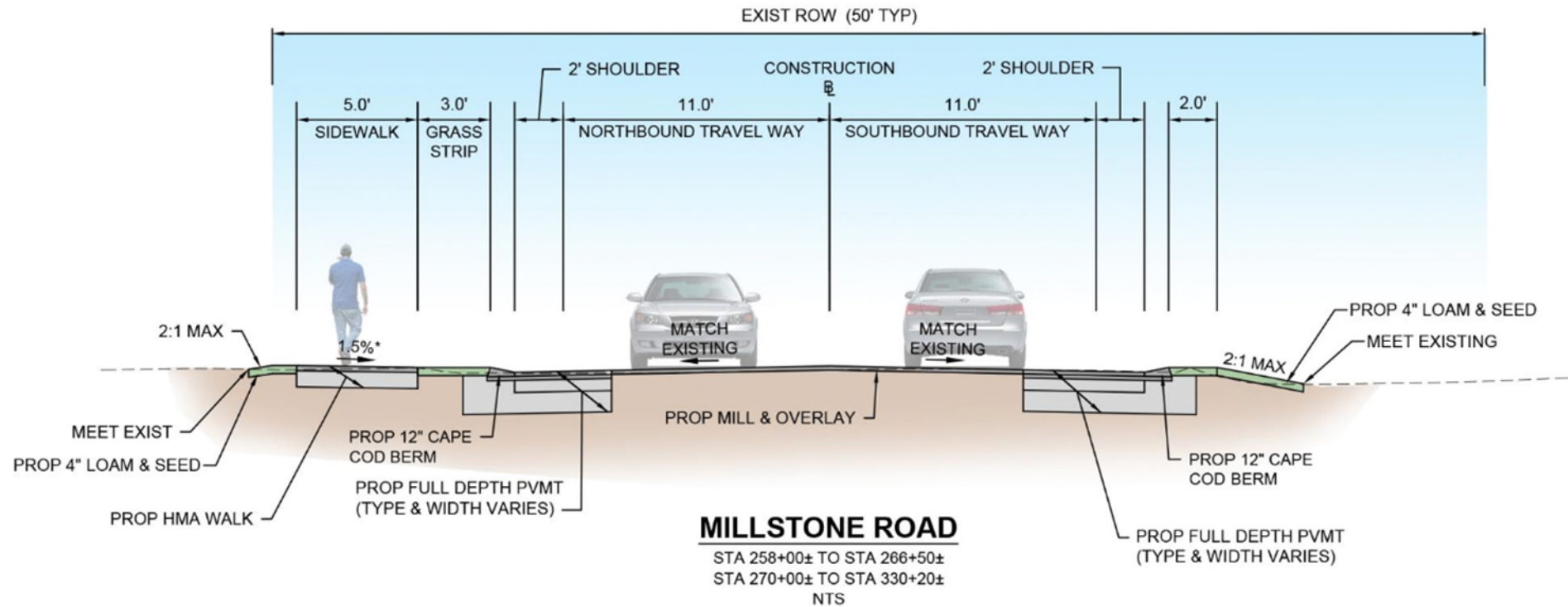
# Project Design Details

- 11 foot travel lanes and 2 foot shoulders on both sides
  - 26 foot total paved width
- Edge treatment – mainly Cape Cod asphalt berm & asphalt curb
- New 5 foot asphalt sidewalk installed for the length of Millstone Road (with crossings at Fern Lane and Lund Farm Way)
- 2-3 foot grass strip installed between berm and sidewalk along majority of project
- Granite curbing/edging to be installed only where necessary
- Significant drainage upgrades
- Selective roadway horizontal curves adjustments for safety (Agassiz/Cliff Pond intersection & between Lund Farm and Pilgrims)

# Project Details

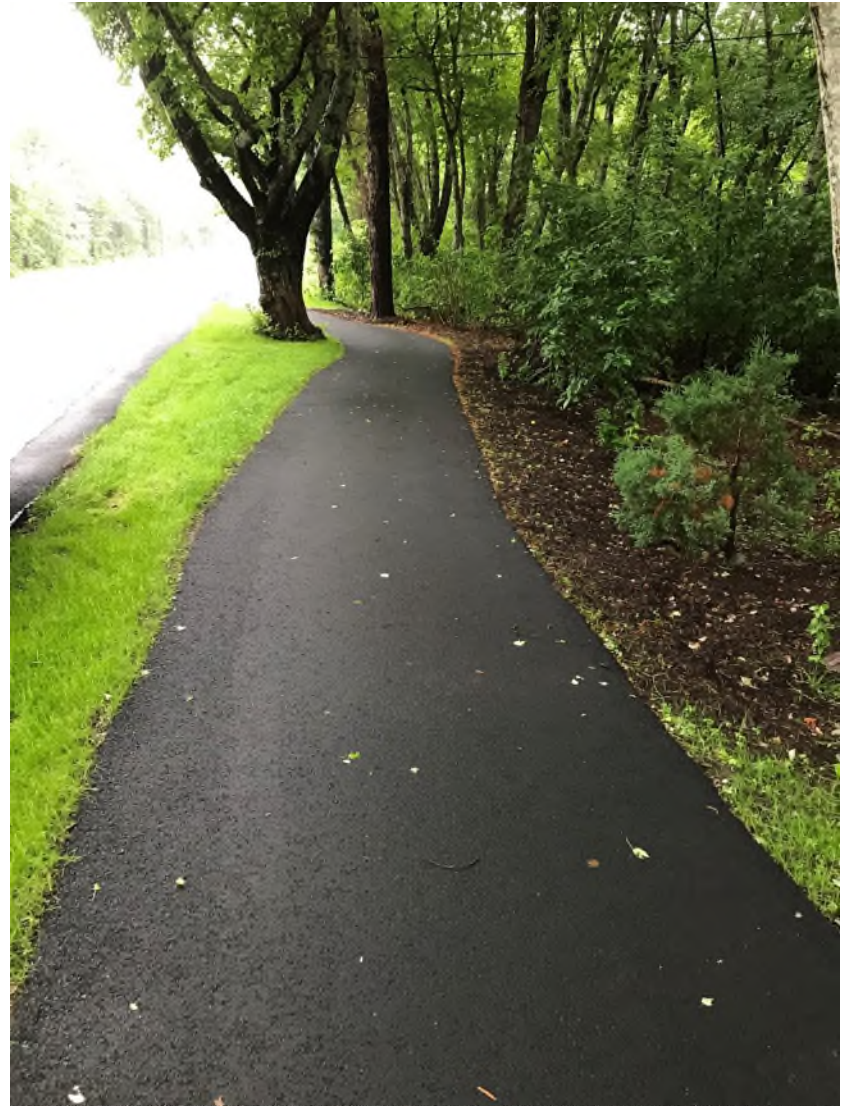


# Project Details





# Project Examples





# Project Examples



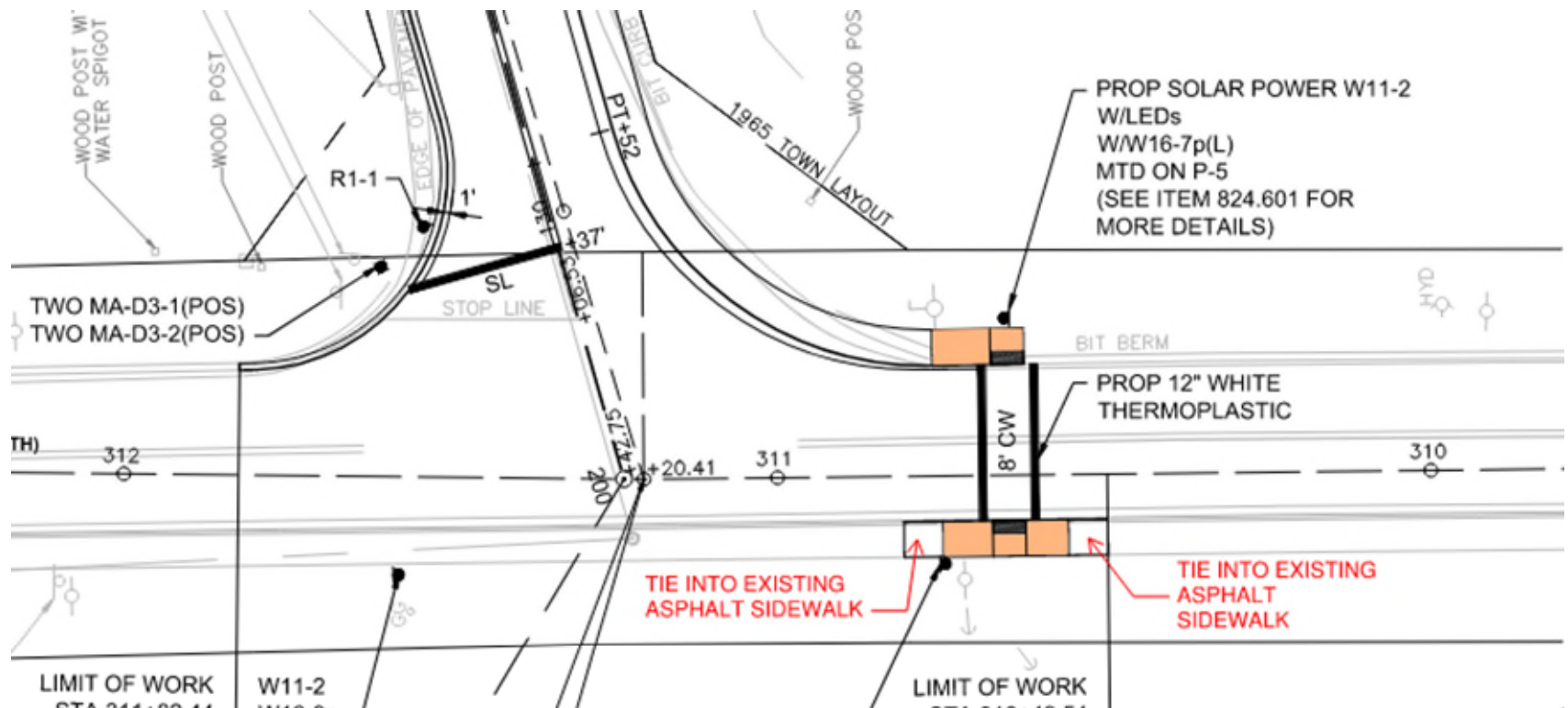
# Impacts Summary – Easements & Access

- Selective permanent easements
  - 8 easements required to construct & maintain sidewalk
  - 2 easements (Nickerson State Park & Brewster Conservation Trust) required to construct roadway & sidewalk
  - 1 easement required for construction/maintenance of drainage
- Temporary access for construction
  - Grading tie-in (lawns and driveways)
  - Vegetation clearing within work limits

# Impacts Summary

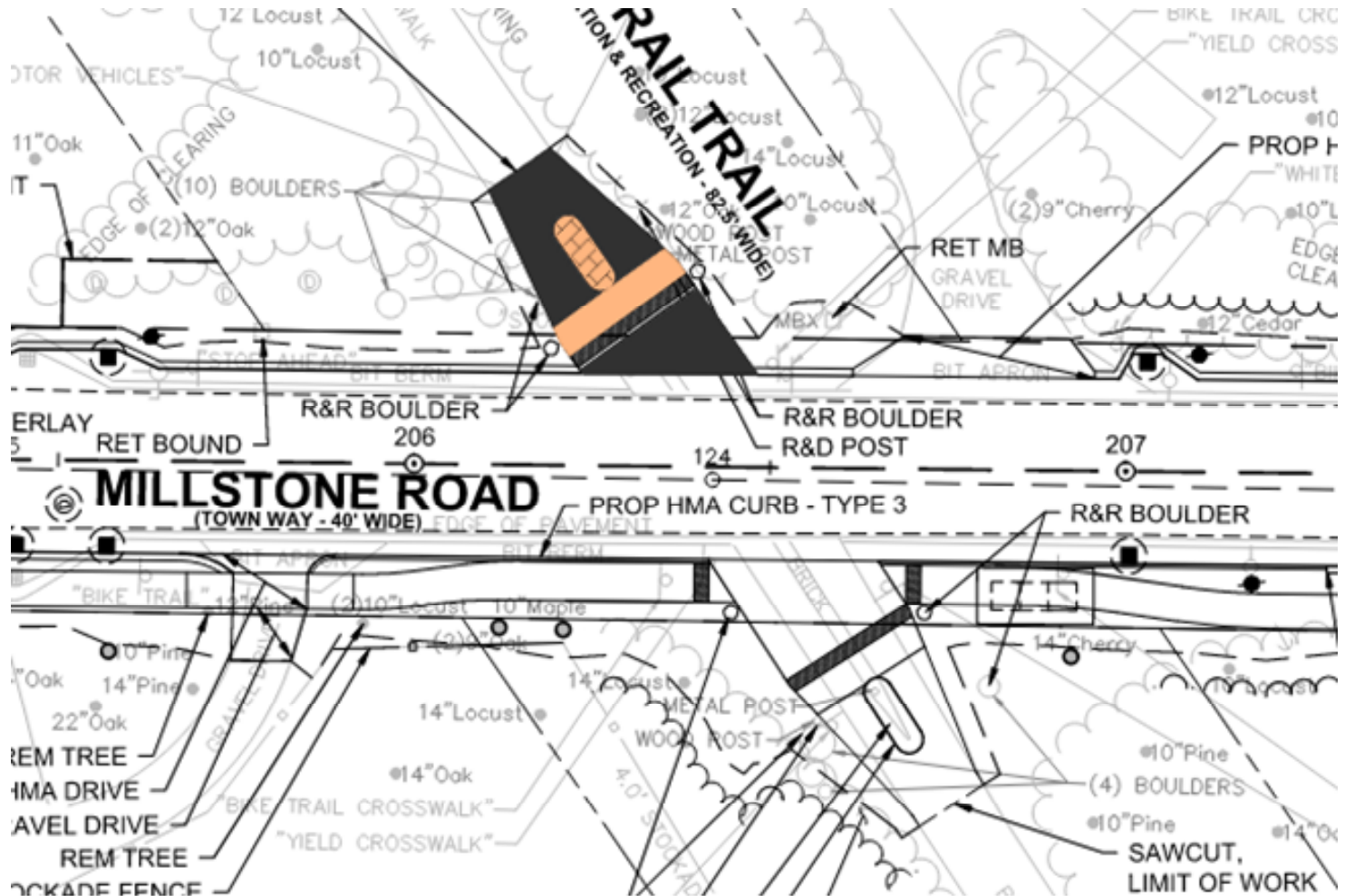
- Potential reduction of speed limits
  - State response did not agree with request to rescind speed regulation
  - MassDOT suggested engineering speed study be undertaken after completion of construction
  - VHB & Town will evaluate next steps
- Route 6 construction detours rerouted per MassDOT
- Relocation of 20+/- utility poles
  - Final number of poles requiring relocation to be determined by utility companies
  - No new streetlights except at new crosswalk at Fern Lane

## Project Details – Route 6A Crossing

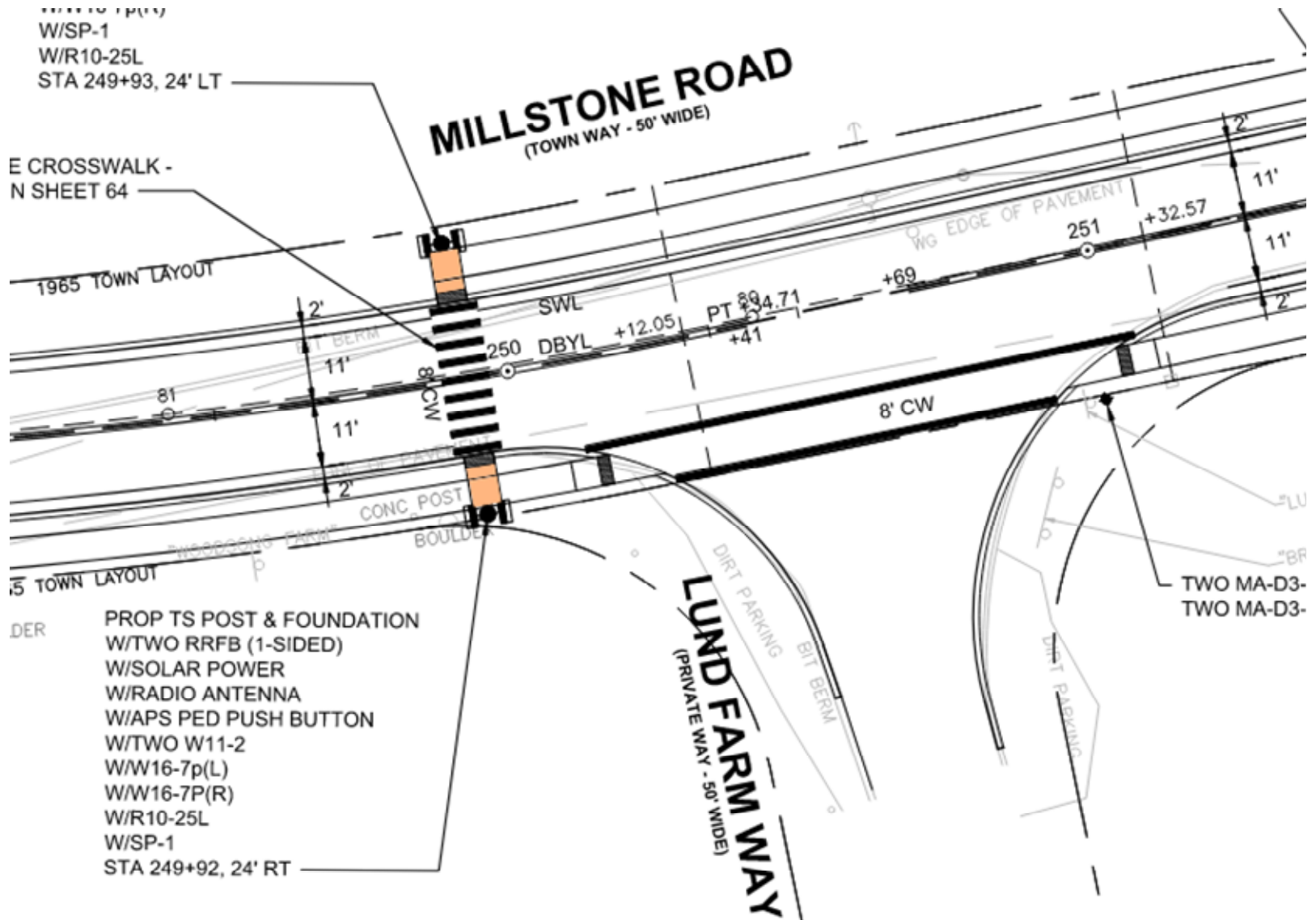




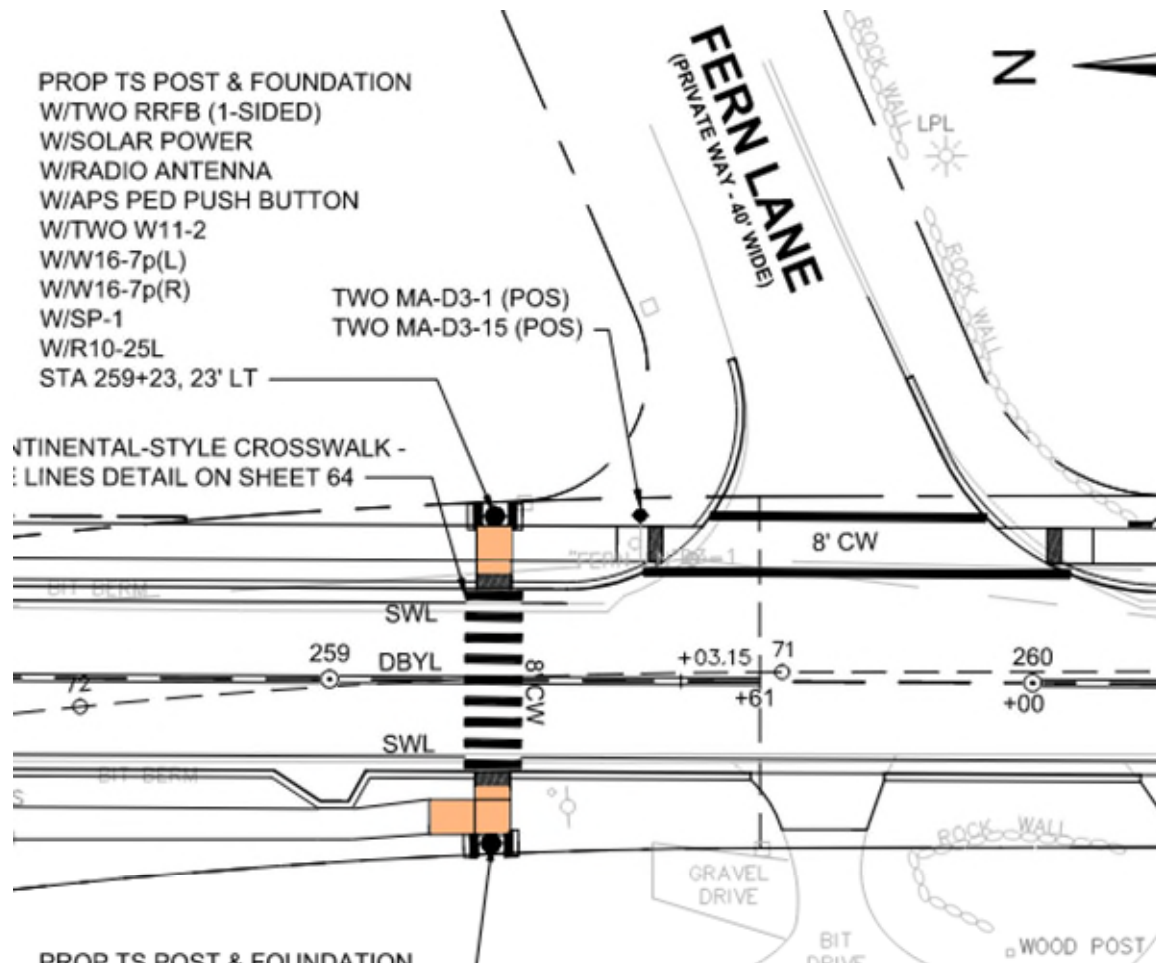
# Project Details – Cape Cod Rail Trail Crossing



# Project Details – Lund Farm Crosswalk



# Project Details – Fern Lane Crosswalk



# Project Schedule – Design Phase

- Fall/Winter 2021 – Continue to field resident questions and finalize design
- Notice of Intent (Conservation Commission) hearing expected 12/15/20
- Environmental Notification Form – State certificate expected Winter 2021
- Spring 2021 – Project advertisement & bidding

# Project Schedule – Construction Phase

- Fall 2021 – Contractor mobilizes; drainage, site clearing, and utility relocations begin
- Spring 2022 – Widening and sidewalk excavation, install curbing, milling & initial paving
- Fall 2022 – Install asphalt sidewalk and berm, finish paving, signage & striping



# Contact Info

Site specific questions:

Patrick Ellis | [pellis@brewster-ma.gov](mailto:pellis@brewster-ma.gov) | 508.896.3212

Overall project questions:

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**Questions? Comments?**